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222 NORTH LASALLE STREET
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EXAMINER

CHEUNG, MARY DA ZHI WANG

ART UNIT PAPER NUMBER

3621

DATE MAILED: 05/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/090,550

Applicant(s)

SHAH ET AL.

Examiner

Mary Cheung

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 February 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-78 is/are pending in the application.
- 4a) Of the above claim(s) 24-42 and 52-78 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 and 43-51 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 March 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/17/02; 12/18/03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Status of the Claims

1. This action is in response to the restriction election filed on February 8, 2005.

Claims 1-78 are pending. Claims 1-23 and 43-51 are elected and are examined.

Claims 24-42 and 52-78 are withdrawn from consideration.

2. In response to the applicant's request for combining group I and group II for examination, since group I and group I are belong to different classes, separate searches must be conducted. Thus, the restriction is believed to be proper, and only group I (claims 1-23 and 43-51) will be examined.

Claim Objections

3. Claims 8 and 46 are objected to because of the following informalities:

(a) In line 8 of claim 8, the phrase "targeted by" should be "associated with";

(b) In line 11 of claim 46, the phrase "targeted by" should be "associated with".

Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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5. Claims 1-23 and 43-51 are rejected under 35 U.S.C. 102(e) as being anticipated by Fera et al., WO 01/015001 A2.

As to claim 1, Fera teaches in a content bank system comprising at least one digital identity instance representative of at least one object (page 5 lines 8-14), a method for adding object-related information regarding an object of the at least one object to the content bank system, the method comprising (page 4 lines 16-21 and page 5 lines 15-19):

(c) Receiving from a source by a digital identity instance corresponding to the object, the object related information targeted to a service (page 5 lines 19-21 and page 8 lines 4-10);

(d) Determining, via a services registry associated with the digital identity instance, whether the service targeted by the object-related information exists (page 9 lines 6-8);

(e) When the service targeted by the object-related information exists, sending the object-related information to the service (page 14 lines 3-11 and Fig. 5);

(f) Processing the object-related information by the service such that the object-related information is subsequently available via the content bank system (page 14 lines 12-22).

As to claims 2-3, Fera teaches the object-related information is received via at least one access mode of multi-mode interface available to the digital identity instance (Fig. 1).

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As to claim 4, Fera teaches determining, via the service registry, location information regarding the service and sending the object-related information to the service based on the location information (page 14 lines 3-11 and Fig. 5).

As to claim 5, Fera teaches the location information corresponds to another content bank system (page 14 lines 3-11 and Fig. 5).

As to claims 6, 10 and 14, Fera teaches the source of the object-related information or the third party or the other third party is any of: the object, another content bank system, another object, a manufacturer of the object, an owner of the object, and a provider of service to the object (page 5 lines 19-21 and page 8 lines 4-10).

As to claim 7, Fera teaches verifying access rights of the source to provide the object-related information associated with object to the content bank system (page 10 lines 1-15).

As to claim 8, Fera teaches in a content bank system comprising at least one digital identity instance representative of at least one object (page 5 lines 8-14), a method for providing object-related information regarding an object of the at least one object to a third party, the method comprising (page 14 lines 3-11 and Fig. 5):

- (a) Determining by a digital identity instance corresponding to the object, the object related information should be provided to the third party (page 14 lines 3-11 and Fig. 5);

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(b) Determining, via a services registry associated with the digital identity instance, whether a service associated with the object-related information exists (page 9 lines 6-8);

(g) When the service targeted by the object-related information exists, accessing the object-related information via the service (page 14 lines 3-11 and Fig. 5);

(h) Sending, by the service, the object-related information to the third party (page 14 lines 3-22 and Fig. 5).

As to claim 9, Fera teaches receiving a request for the object-related information from the third party, wherein the request specifies the third party as the destination for the object-related information (Fig. 9).

As to claims 11-12, Fera teaches the request is received from the third party via at least one access mode of multi-mode interface available to the digital identity instance (Fig. 1).

As to claim 13, Fera teaches receiving a request for the object-related information from another third party, wherein the request specifies the third party as destination for the object related information (Fig. 9).

As to claims 15-16, Fera teaches the request is received from the other third party via at least one access mode of multi-mode interface available to the digital identity instance (Fig. 1).

As to claims 17-18, Fera teaches detecting a condition requiring the object-related information to be pushed to the third party (page 8 lines 4-15 and page 14 lines 3-11 and Fig. 5).

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As to claims 19-20, Fera teaches determining via the services registry, location information regarding the service; and accessing the object-related information via the service based on the location (page 14 lines 3-11 and Fig. 9).

As to claim 21, Fera teaches verifying access rights of the third party to the object-related information; sending the additional object-related information to the third party when the third party possesses access rights to the object-related information associated with object to the content bank system (page 10 lines 1-15 and page 14 lines 3-11).

As to claim 22, Fera teaches prior to sending the object-related information to the third party, processing the object-related information into a form suitable for sending the object-related information to the third party (page 14 lines 3-11 and Fig. 5).

As to claim 23, Fera teaches the object-related information comprises a pointer to additional object-related information (Figs. 10, 12).

Claims 43-51 are rejected for the similar reasons as claims 1, 4, 7-9, 13, 17, 19 and 21.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Howes et al. (US 2001/0053949 A1) discloses secure tracking of articles.

Caulfield (US 2002/0065702 A1) discloses real-time production tracking and scheduling system.

Lowell et al. (US 2002/0073012 A1) discloses vehicle service repair network.

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Inquire

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Cheung whose telephone number is 571-272-6705. The examiner can normally be reached on M-Th (10:00-7:30) Second Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mary Cheung
Patent Examiner
Art Unit 3621
May 24, 2005

